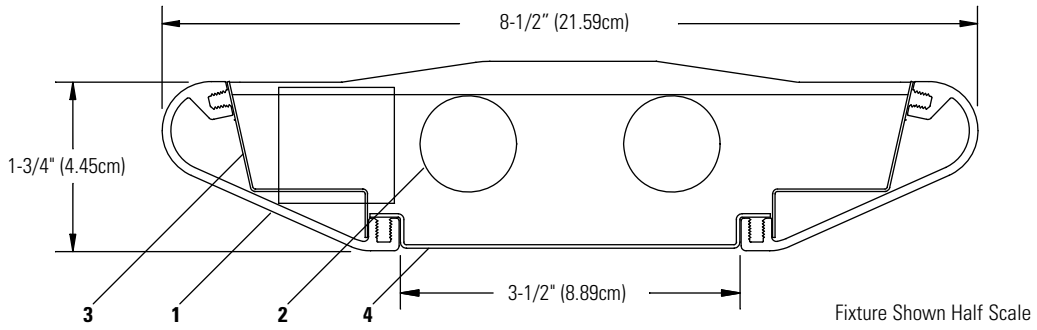
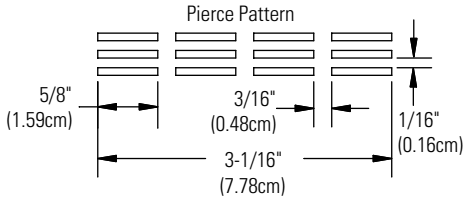
Lytespread™ LSB Pierced Luminous Indirect 2-Light T8 Per 4-Foot (Nominal) Section



Fixture Shown Half Scale



Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSB	**2**		**B**			
	2 = 2-Lamp T8	**4** = 4-Foot **8** = 8-Foot	**B** = Pierced	**32** = 32W T8 **3E** = 32W T8 Emergency Pack **3D** = 32W T8 Dimming	**1** = 120 volt **2** = 277 volt	**AL** = Aluminum **WH** = White

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners or hardware.
2. **Lamping:** Two T8 32 watt fluorescent lamps per 4-Foot section. Provided by others.
3. **Reflector:** Precision die-formed semi-specular aluminum.
4. **Shielding:** Precision die-formed, pierced 20 gauge CRS. Piercing is four rows that extend the entire length of the lamps. The pattern is 5/8" (1.59cm) x 1/16" (0.16cm) slot with a 3/16" (0.48cm) separation between rows.

Electrical

Ballast is <10% THD, .98 ballast factor, pre-heat start. 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC 1% dimming level, 4 wire feed required.

Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes, 4 wire feed required.

Mountings

Cable suspension (not shown) - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Dual-screw draw-tight connector to create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum finish. Custom colors available, consult factory.

Options and Accessories

Emergency Circuiting; special circuiting; X, T & L joiner blocks - consult factory.

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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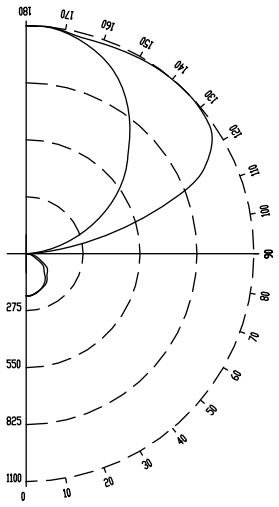
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 300-1S
CAT NO: LSB24B32
LAMPS: 2 F32T8
LUMENS: 2900
EFFICIENCY: 83%

CANDLEPOWER

ZONE ➤ DEG. ▼	0	22	45	67	90
	CANDELAS				
180	1100	1100	1100	1100	1100
175	1099	1097	1101	1101	1101
165	1058	1063	1074	1087	1077
155	984	995	1026	1070	1084
145	858	891	964	1061	1096
135	698	753	893	1047	1099
125	554	638	867	1079	1081
115	372	520	780	915	941
105	192	388	518	507	494
95	45	108	105	83	86
90	4	13	19	13	10
85	8	15	15	15	18
75	28	32	34	42	48
65	49	55	64	74	78
55	100	101	113	123	125
45	123	125	134	141	142
35	159	158	161	169	171
25	181	181	181	183	183
15	195	195	197	195	193
5	204	203	205	204	204
0	203	203	203	203	203

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	81	81	81	71	71	71	52	52	52
1	74	71	68	65	62	59	45	44	42
2	68	62	57	59	54	50	40	37	35
3	62	54	49	54	48	43	35	32	30
4	56	48	42	49	42	37	31	28	25
5	52	43	36	45	37	32	28	24	21
6	47	38	32	41	33	28	25	21	18
7	43	34	28	38	30	25	22	19	16
8	40	31	24	35	27	22	20	16	14
9	37	28	22	32	24	19	18	15	12
10	34	25	19	30	22	17	16	13	11

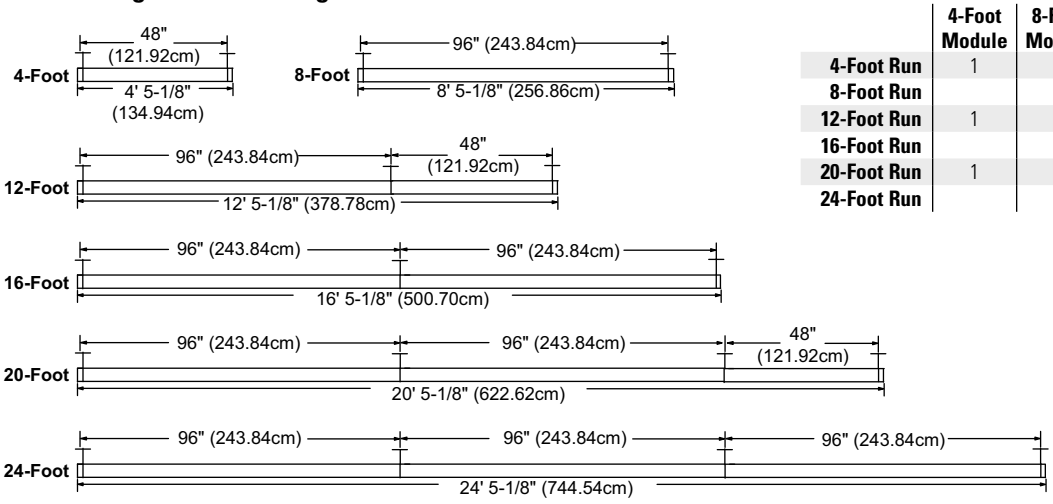
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	584	10.1	12.1
90-180	4231	73.0	87.9
0-180	4815	83.0	100.0

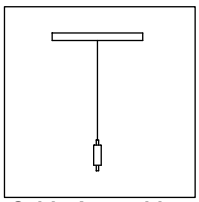
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

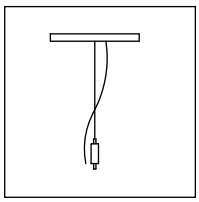


	4-Foot Module	8-Foot Module	Cable/ Assembly	Power Feed End Set
4-Foot Run	1			1
8-Foot Run		1		1
12-Foot Run	1	1	1	1
16-Foot Run		2	1	1
20-Foot Run	1	2	2	1
24-Foot Run		3	2	1

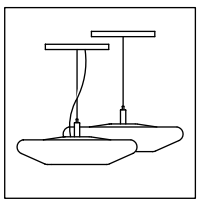
Mounting Accessories



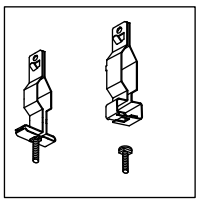
Cable Assembly
Single Cable: **LSBC36**



Cable/Cord Assembly
Single Cable & Cord: **LSBCC36**
Single Cable & 4 Wire Cord*: **LSBCC36X4**



Power Feed End Set
Straight Cord: **LSBEC36WH** (white)
LSBEC36AL (aluminum)
4 Wire Cord*: **LSBEC36WHX4** (white)
LSBEC36ALX4 (aluminum)



Ceiling Grid Kit
CGK
Includes both Standard 1" (2.54cm) Tee Bar Clip & Slot Tee Clip

***Use for dimming, switching, and emergency battery packs.**

Job Information **Type:**

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